10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

INO80B Rabbit pAb

INO80B Rabbit pAb
Catalog # AP56351

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9C086
Predicted	Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38637
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human INO80B
Epitope Specificity	1-100/356
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Nucleus; nucleolus.
SIMILARITY	Contains 1 HIT-type zinc finger.
SUBUNIT	Component of the chromatin remodeling INO80 complex; specifically part of a complex module associated with the helicase ATP-binding and the helicase C-terminal domain of INO80. Interacts with RP9. {ECO:0000269|PubMed:15556297, ECO:0000269|PubMed:16230350, ECO:0000269|PubMed:18922472, ECO:0000269|PubMed:21303910}.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a subunit of an ATP-dependent chromatin remodeling complex, INO80, which plays a role in DNA and nucleosome-activated ATPase activity and ATP-dependent nucleosome sliding. Readthrough transcription of this gene into the neighboring downstream gene, which encodes WW domain-binding protein 1, generates a non-coding transcript. [provided by RefSeq, Feb 2011]

Additional Information

Gene ID	83444
Other Names	INO80 complex subunit B, High mobility group AT-hook 1-like 4, IES2 homolog, hIes2, PAP-1-associated protein 1, PAPA-1, Zinc finger HIT domain-containing protein 4, INO80B, HMGA1L4, PAPA1, ZNHIT4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	INO80B
Synonyms	HMGA1L4, PAPA1, ZNHIT4
Function	Induces growth and cell cycle arrests at the G1 phase of the cell cycle.
Cellular Location	Nucleus. Nucleus, nucleolus

Background

This gene encodes a subunit of an ATP-dependent chromatin remodeling complex, INO80, which plays a role in DNA and nucleosome-activated ATPase activity and ATP-dependent nucleosome sliding. Readthrough transcription of this gene into the neighboring downstream gene, which encodes WW domain-binding protein 1, generates a non-coding transcript. [provided by RefSeq, Feb 2011]